Substitute for Form 1449A/PTO

# INFORMATION DISC STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if	Known
Application Number	09/935,027	6 0. 35
Filing Date	August 22, 2001	5 B B
First Named Inventor	Mikihiro Shimada	(A)
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	Ç.

			U.S. PATENT	OCUMENTS	
Examiner	Cita	Document Number	Issue Date/		Pages Columns Lines When
Initials*	Cite No.1	Number - Kind Code <sup>2 (if known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
al		US-5,949,943 (corresponds to JP 11- 023875)	09/07/1999	Watanabe et al.	Entire Document
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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		7F 11-223735 (w/English abstract, partial English translation)	08/17/1999	Nippon Telegr & Teleph Corp	Entire Document	
		JP 10-148729 (w/English abstract, . partial English translation)	06/02/1998	Nippon Telegr & Teleph Corp	Entire Document	
		JP 08-320422 (w/English abstract, partial English translation)	12/03/1996	Fujitsu Ltd	Entire Document	
		JP 63-250607 (w/English abstract, partial English translation)	10/18/1988	Seiko Epson Corp	Entire Document	
1		JP 11-023875 (corresponds to USP 5,949,943)	01/29/1999	Toyota Central R&D Lab Inc	Entire Document	
4		JP 10-090539 (w/English abstract, - partial English translation)	04/10/1998	Nippon Telegr & Teleph Corp	Entire Document	

Date Signature Considered

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Applicant's unique citation designation number (optional).

<sup>&#</sup>x27;Applicant's unique citation designation number (optional).

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'For Japanese patent document, by the two-letter code (WIPO Standard St.3).

'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

'kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 2 of 2

	Complete if	Known
Application Number	09/935,027	2
Filing Date	August 22, 2001	6 0 0
First Named Inventor	Mikihiro Shirnada	
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	4,

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<del>-</del>		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
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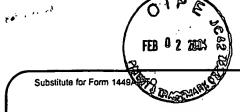
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Application Number	09/935,027	
Filing Date	August 22, 2001	
First Named Inventor	Mikihiro Shimada et al.	
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	

	U.S. PATENT DOCUMENTS				
		Document Number	Issue Date/	_	Pages, Columns, Lines, Where
Examiner Initials*	Olte No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
XXX		US 3,814,498	06/04/74	Tomlinson, III et al.	See search report.
1011	,	US 3,970,959	07/20/76	Wang et al.	See search report.
17		US 5,157,746A	10/20/92	Tobita et al.	See search report.
		US 5,281,305 A	01/25/94	Lee et al.	Abstract; Figs. 1-6.
Bal		US-5,473,721 A	12/05/95	Myers et al.	See search report.
		US 5,909,529 A	06/01/99	Bhagavatula	See search report.
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		FOREIGN PA	TENT DOCUMEN	TS		
Examiner	Cite	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	No.1		(MM-DD-YYYY)	Document	Figures Appear	T <sup>6</sup>
PK		JP 02-087103 A (with English abstract)	03/28/90	CANON INC.	Abstract; Fig. 1.	
) (		JP 02-168206 (with English abstract)	06/28/90	BROTHER IND	Abstract.	
		EP 0 589 268 A	03/30/94	BOSCH GMBH ROBERT	See search report.	
	/	EP 0 622 647 A	11/02/94	HOFFMANN LA ROCHE; SCHOTT GLASWERKE	See search report.	
- 11	50	EP 0 964 305 A	12/15/99	CORNING INC.	See search report.	
A		CA 2 259 350 A	07/20/00	NU-WAVE PHOTONICS INC	See search report.	
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<sup>&</sup>lt;sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

\*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

\*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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Substitute for Form

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SHEET 2 of 2

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First Named Inventor	Mikihiro Shimada et al.	
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
M		European Search Report for EP 01 12 0159, dated December 12, 2003.	
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apl		US-5,675,691	10-07-1997	Johannes Edlinger et al	Abstract, Col.3, ¶¶5-6, Col.4, Lines 46-51, Col. 5, Lines 29-61, Col.6, ¶¶1-3, Figs. 2B-C, 5-8	
cu		₩ <b>S</b> -4,886,538	12-12-1989	Amaresh Mahapatra	Abstract, Col.1, Line 54, Col. 5, ¶2, Figs. 1-3	
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		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		JP 58-113903 (English abstract only)	07/07/1983	Fujitsu Ltd.	Abstract, Fig. 1	
		JP 06-194536 (with English abstract)	07/15/1994	Nippon Telegr & Teleph Corp>	Abstract, ¶¶'0006!, 0011!, '0012!, '0021!, Figs. 2,7	
	/	GB 2-133-900A	08/01/1984	The Marconi Company Limited	Abstract, page 2, line 9-last pagagraph, page 3, last paragraph, page 4, paragraph 1 c	
Coff		EP 0-297-652	01/04/1981	N.V. Philips	Abstract, Col.3; Lines 10-20, Col. 3, Lines 40-57, Col. 4, ¶3, Fig. 1H	
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SHEET 2 of 2

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CON X		European Search Report for EP 01 120159, date	ted August 1, 2003		
CH)	e	NAJAFI, S.I., et al, "Sol-Gel Glass Waveguide a Technology, September 1, 1998, Pgs. 1640-16 (Page 1640-1641, Section III, Figs. 1-4, 5A, C	46, Vol. 16, No. 9, IEEE, New York	Lightwave k, US	
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